

Title (en)
DOWNHOLE COMPRESSOR

Title (de)
BOHRLOCHKOMPRESSOR

Title (fr)
COMPRESSEUR DE FOND DE TROU

Publication
EP 3088656 A1 20161102 (EN)

Application
EP 16159927 A 20160311

Priority
JP 2015054152 A 20150318

Abstract (en)
A downhole compressor 1 includes: a casing disposed inside a gas well; a rotor 2 built inside the casing; and an impeller 3 disposed at the rotor 2, and an electromagnetic control unit that electromagnetically controls a relative position of the rotor 2 inside the casing is provided.

IPC 8 full level
E21B 43/12 (2006.01); **F04D 25/06** (2006.01); **F04D 29/058** (2006.01)

CPC (source: EP US)
E21B 43/128 (2013.01 - EP US); **F04D 25/0606** (2013.01 - EP US); **F04D 29/0516** (2013.01 - EP US); **F04D 29/058** (2013.01 - EP US)

Citation (applicant)
US 7338262 B2 20080304 - GOZDAWA RICHARD JULIUS [GB]

Citation (search report)

- [A] GB 2384274 A 20030723 - CORAC GROUP PLC [GB]
- [A] US 5355042 A 19941011 - LEWIS DAVID W [US], et al
- [A] US 2014271270 A1 20140918 - PIERCE MICHAEL [US], et al
- [A] EP 1895180 A2 20080305 - EBARA CORP [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2016273324 A1 20160922; EP 3088656 A1 20161102; EP 3088656 B1 20180117; JP 2016173084 A 20160929; JP 6389785 B2 20180912

DOCDB simple family (application)
US 201615053274 A 20160225; EP 16159927 A 20160311; JP 2015054152 A 20150318